

ABSTRACT OF THE DISCLOSURE

A heat recovery circuit capable of handling fluid flow from a turbine exit to a heat recovery steam generator. The heat recovery circuit includes a primary exhaust line and a by-pass circuit. Included within the by-pass circuit is a pressure reducer that is capable of
5 lowering the pressure within the by-pass circuit to below that of the pressure at the discharge of the turbine. Maintaining the pressure within the by-pass circuit to be lower than the turbine discharge pressure prevents the turbine from stalling during turbine start up and also prevents reverse flow through the turbine after turbine shut down.